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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/38559

A. CLASSIFICATION OF SUBJECT MATTER  IPC(7) : H01L 21/8242				
IPC(7) : H01L 21/8242 US CL : 438/249,495,496,538,558,559				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimun documentation rched (classification system followed by classification symbols)  U.S.: 438/249,495,496,538,558,559				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where a	propriate, of the relevant passa	ages Relevant to claim No.	
Y,P	US 6,093,610A (Rodder) 25 June 2000, pages 1-3		1, 2, and 7	
Y,P	US 6,346,447 B1 (Rodder) 12 February 2002. pages 1-3		1, 9-11, and 20.	
Y,P	US 6,221,709B1 (Sagarwala et al.) 24 April 2001, pages 1-4		1, 2, 7-12, and 16-19.	
Y,P	US 5,798,295A (Hoover et al.) 25 August 1998, pages 1-3		1-9.	
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Further documents are listed in the continuation of Box C. See patent family annex.				
* Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier application or patent published on or after the international filing		priority date and not in ounderstand the principle  "X" document of particular re	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive	
date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such		
"O" document referring to an oral disclosure, use, exhibition or other means			us to a person skilled in the art	
"P" document published prior to the international filing date but later than the		"&" document member of the	same patent family	
Date of the actual completion of the international search  Date of mailing of the international search report			tional search report	
22 April 2004 (22.04.2004)		010CT 2004		
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Mail Stop PCT, Atta: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230		Alonzo Chambliss Telephone No. 571 272-1927		
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